

WHAT IS CLAIMED IS

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1. A facsimile apparatus, provided with boxes each corresponding to an F-code which is received through a facsimile transmission procedure, executing a center-machine application using the corresponding box based on sub-address information when receiving image information, said apparatus comprising:

an F-code input requesting portion which requests a user to input an F-code when the user operates said apparatus for performing transmission; and

15 a control portion which searches for the box for which an F-code is registered, the value of which F-code agrees with the value of the F-code input by the user, and, only when finding said box, agrees to accept the transmission operation performed by the user, and

20 registers, in document managing information for managing a transmission job relating to the transmission operation, identification information for said box as authentication information.

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2. A facsimile apparatus, provided with boxes
each corresponding to an F-code which is received
through a facsimile transmission procedure, executing a
center-machine application using the corresponding box
5 based on sub-address information when receiving image
information, said apparatus comprising:

an F-code input requesting portion which
requests a user to input an F-code when the user
operates said apparatus for producing a polling
10 document; and

a control portion which searches for the box
for which an F-code is registered, the value of which F-
code agrees with the value of the F-code input by the
user, and, only when finding said box, agrees to accept
15 the polling document producing operation performed by
the user, and registers, in document managing
information for managing a job relating to the polling
document producing operation, identification information
for said box as authentication information.

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3. A facsimile apparatus, provided with boxes
25 each corresponding to an F-code which is received

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through a facsimile transmission procedure, executing a center-machine application using the corresponding box based on sub-address information when receiving image information, said apparatus comprising:

5 an F-code input requesting portion which requests a user to input an F-code either when the user operates said apparatus for performing transmission or when the user operates said apparatus for producing a polling document;

10 a control portion which searches for the box for which an F-code is registered, the value of which F-code agrees with the value of the F-code input by the user, and, only when finding said box, either agrees to accept the transmission operation performed by the user,
15 and registers, in document managing information for managing a transmission job relating to the transmission operation, identification information for said box as authentication information, or agrees to accept the polling document producing operation performed by the
20 user, and registers, in document managing information for managing a job relating to the polling document producing operation, identification information for said box as authentication information.

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4. The facsimile apparatus as claimed in claim 1, further comprising a transmission control portion which, when image information is transmitted, reads the F-code registered for the box corresponding to the authentication information registered in the document managing information, and inserts information indicating said F-code in at least any one page of the image information.

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5. The facsimile apparatus as claimed in claim 2, further comprising a transmission control portion which, when a call is coming and polling reception is requested by the call originating terminal, reads the F-code registered for the box corresponding to the authentication information registered in the document managing information corresponding to the specified document to be transmitted, and inserts information indicating said F-code in at least any one page of the image information to be transmitted.

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6. The facsimile apparatus as claimed in claim 3, further comprising a transmission control portion which, when image information is transmitted, reads the F-code registered for the box corresponding to the authentication information registered in the document managing information, and inserts information indicating said F-code in at least any one page of the image information, but, when a call is coming and polling reception is requested by the call originating terminal, reads the F-code registered for the box corresponding to the authentication information registered in the document managing information corresponding to the specified document to be transmitted, and inserts information indicating said F-code in at least any one page of the image information to be transmitted.

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7. The facsimile apparatus as claimed in claim 1, further comprising a transmission control portion which, when image information is transmitted, reads the box name registered for the box corresponding to the authentication information registered in the

document managing information, and inserts information indicating said box name in at least any one page of the image information.

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8. The facsimile apparatus as claimed in claim 2, further comprising a transmission control portion which, when a call is coming and polling reception is requested by the call originating terminal, reads the box name registered for the box corresponding to the authentication information registered in the document managing information corresponding to the specified document to be transmitted, and inserts information indicating said box name in at least any one page of the image information to be transmitted.

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9. The facsimile apparatus as claimed in claim 3, further comprising a transmission control portion which, when image information is transmitted, reads the box name registered for the box corresponding

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to the authentication information registered in the document managing information, and inserts information indicating said box name in at least any one page of the image information, but, when a call is coming and
5 polling reception is requested by the call originating terminal, reads the box name registered for the box corresponding to the authentication information registered in the document managing information corresponding to the specified document to be
10 transmitted, and inserts information indicating said box name in at least any one page of the image information to be transmitted.

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10. The facsimile apparatus as claimed in claim 1, wherein a box type is registered for each box, and, said control portion, when searching for the box
20 for which the same value as that of the input F-code is registered, treats only the boxes of a previously specified box type as targets of the search.

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11. The facsimile apparatus as claimed in claim 2, wherein a box type is registered for each box, and, said control portion, when searching for the box for which the same value as that of the input F-code is registered, treats only the boxes of a previously specified box type as targets of the search.

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12. The facsimile apparatus as claimed in claim 3, wherein a box type is registered for each box, and, said control portion, when searching for the box for which the same value as that of the input F-code is registered, treats only the boxes of a previously specified box type as targets of the search.

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13. The facsimile apparatus as claimed in claim 10, wherein the registered box types includes a confidential type and said previously specified box type is the confidential type.

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14. The facsimile apparatus as claimed in claim 11, wherein the registered box types includes a confidential type and said previously specified box type is the confidential type.

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15. The facsimile apparatus as claimed in claim 12, wherein the registered box types includes a confidential type and said previously specified box type is the confidential type.

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16. The facsimile apparatus as claimed in claim 1, wherein a password for authentication is registered for each box, and, said control portion, when searching for the box for which the same value as that of the input F-code is registered, treats only the boxes for which an effective password is registered or respective effective passwords are registered as targets of the search.

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17. The facsimile apparatus as claimed in claim 2, wherein a password for authentication is registered for each box, and, said control portion, when searching for the box for which the same value as that of the input F-code is registered, treats only the boxes for which an effective password is registered or respective effective passwords are registered as targets of the search.

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18. The facsimile apparatus as claimed in claim 3, wherein a password for authentication is registered for each box, and, said control portion, when searching for the box for which the same value as that of the input F-code is registered, treats only the boxes for which an effective password is registered or respective effective passwords are registered as targets of the search.

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19. The facsimile apparatus as claimed in

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claim 16, wherein said control portion, when finding
said box, performs authentication operation using the
password registered for said box, and, only when the
authentication operation succeeds, agrees to accept the
5 operation performed by the user.

10 20. The facsimile apparatus as claimed in
claim 17, wherein said control portion, when finding
said box, performs authentication operation using the
password registered for said box, and, only when the
authentication operation succeeds, agrees to accept the
15 operation performed by the user.

20 21. The facsimile apparatus as claimed in
claim 18, wherein said control portion, when finding
said box, performs authentication operation using the
password registered for said box, and, only when the
authentication operation succeeds, agrees to accept the
25 operation performed by the user.

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22. The facsimile apparatus as claimed in claim 10, wherein authentication use allowance/rejection information is registered for each box, and, said control portion, when authentication use rejection is registered for the box found through the search, causes the search to fail.

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23. The facsimile apparatus as claimed in claim 11, wherein authentication use allowance/rejection information is registered for each box, and, said control portion, when authentication use rejection is registered for the box found through the search, causes the search to fail.

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24. The facsimile apparatus as claimed in claim 12, wherein authentication use allowance/rejection information is registered for each box, and, said control portion, when authentication use rejection is registered for the box found through the search, causes

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the search to fail.

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25. The facsimile apparatus as claimed in claim 22, wherein the registered box types includes a confidential type and said previously specified box type is the confidential type.

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26. The facsimile apparatus as claimed in claim 23, wherein the registered box types includes a confidential type and said previously specified box type is the confidential type.

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27. The facsimile apparatus as claimed in claim 24, wherein the registered box types includes a confidential type and said previously specified box type is the confidential type.

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33. The facsimile apparatus as claimed in
25 claim 3, wherein display of the F-code for the user to

confirm the F-code input by the user is a concealment form display such that only the number of digits of the input F-code is recognized.

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34. A method of controlling a facsimile apparatus, provided with boxes each corresponding to an F-code which is received through a facsimile transmission procedure, executing a center-machine application using the corresponding box based on sub-address information when receiving image information, said method comprising the steps of:
- 15 a) requesting a user to input an F-code when the user operates said apparatus for performing transmission; and
 - b) searching for the box for which an F-code is registered, the value of which F-code agrees with the value of the F-code input by the user, and, only when finding said box, agreeing to accept the transmission operation performed by the user, and registering, in document managing information for managing a transmission job relating to the transmission operation,
 - 20 identification information for said box as
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authentication information.

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35. A method of controlling a facsimile apparatus, provided with boxes each corresponding to an F-code which is received through a facsimile transmission procedure, executing a center-machine application using the corresponding box based on sub-
10 address information when receiving image information, said method comprising the steps of:

a) requesting a user to input an F-code when the user operates said apparatus for producing a polling
15 document; and

b) searching for the box for which an F-code is registered, the value of which F-code agrees with the value of the F-code input by the user, and, only when finding said box, agreeing to accept the polling
20 document producing operation performed by the user, and registering, in document managing information for managing a job relating to the polling document producing operation, identification information for said box as authentication information.

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36. A method of controlling facsimile apparatus, provided with boxes each corresponding to an F-code which is received through a facsimile transmission procedure, executing a center-machine application using the corresponding box based on sub-address information when receiving image information, said method comprising the steps of:

- a) requesting a user to input an F-code either when the user operates said apparatus for performing transmission or when the user operates said apparatus for producing a polling document; and
- b) searching for the box for which an F-code is registered, the value of which F-code agrees with the value of the F-code input by the user, and, only when finding said box, either agreeing to accept the transmission operation performed by the user, and registering, in document managing information for managing a transmission job relating to the transmission operation, identification information for said box as authentication information, or agreeing to accept the polling document producing operation performed by the user, and registering, in document managing information for managing a job relating to the polling document producing operation, identification information for said box as authentication information.

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37. The method as claimed in claim 34,
further comprising the step of, when image information
is transmitted, reading the F-code registered for the
box corresponding to the authentication information
5 registered in the document managing information, and
inserting information indicating said F-code in at least
any one page of the image information.

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38. The method as claimed in claim 35,
further comprising the step of, when a call is coming
and polling reception is requested by the call
15 originating terminal, reading the F-code registered for
the box corresponding to the authentication information
registered in the document managing information
corresponding to the specified document to be
transmitted, and inserting information indicating said
20 F-code in at least any one page of the image information
to be transmitted.

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39. The method as claimed in claim 36,
further comprising the step of, when image information
is transmitted, reading the F-code registered for the
box corresponding to the authentication information
5 registered in the document managing information, and
inserting information indicating said F-code in at least
any one page of the image information, but, when a call
is coming and polling reception is requested by the call
originating terminal, reading the F-code registered for
10 the box corresponding to the authentication information
registered in the document managing information
corresponding to the specified document to be
transmitted, and inserting information indicating said
F-code in at least any one page of the image information
15 to be transmitted.

20 40. The method as claimed in claim 34,
further comprising the step of, when image information
is transmitted, reading the box name registered for the
box corresponding to the authentication information
registered in the document managing information, and
25 inserting information indicating said box name in at

least any one page of the image information.

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41. The method as claimed in claim 35,
further comprising the step of, when a call is coming
and polling reception is requested by the call
originating terminal, reading the box name registered
10 for the box corresponding to the authentication
information registered in the document managing
information corresponding to the specified document to
be transmitted, and inserting information indicating
said box name in at least any one page of the image
15 information to be transmitted.

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42. The method as claimed in claim 36,
further comprising the step of, when image information
is transmitted, reading the box name registered for the
box corresponding to the authentication information
registered in the document managing information, and
25 inserts information indicating said box name in at least

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43. A facsimile apparatus having a plurality
15 of confidential boxes, each confidential box
characterized by a different F-code and different
identification information, the apparatus comprising:
an input part that requests a prospective user to
input an F-code when the prospective user seeks to use
20 the apparatus to transmit confidential information; and
a control part that
searches among the plurality of confidential
boxes for a confidential box whose characteristic
F-code matches the F-code input by the prospective
25 user and, if a confidential box characterized by

the matching F-code is found,

enables the prospective user to transmit the confidential information only if the prospective user is authenticated by means of the characteristic identification information of the confidential box characterized by the matching F-code.

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44. A facsimile apparatus having a plurality of confidential boxes, each box characterized by a different F-code and different identification information, the apparatus comprising:

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an input part that requests a prospective user to input an F-code when the prospective user seeks to use the apparatus to produce a polling document; and

a control part that

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searches among the plurality of confidential boxes for a confidential box whose characteristic F-code matches the F-code input by the prospective user and, if a confidential box characterized by the matching F-code is found,

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enables the prospective user to produce the

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polling document only if the prospective user is authenticated by means of the characteristic identification information of the confidential box characterized by the matching F-code.

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45. A facsimile apparatus having a plurality of confidential boxes, each box characterized by a different F-code and different identification information, the apparatus comprising:

an input part that requests a prospective user to input an F-code when the prospective user seeks to use the apparatus either to transmit confidential information or to produce a polling document; and

a control part that searches among the plurality of confidential boxes for a confidential box whose characteristic F-code matches the F-code input by the prospective user and, if a confidential box characterized by the matching F-code is found,

enables the prospective user either to transmit the confidential information or to produce the polling document only if the prospective user

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is authenticated by means of the characteristic identification information of the confidential box characterized by the matching F-code.

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46. The facsimile apparatus as claimed in Claim 43, further comprising a transmission part that
10 inserts the matching F-code into the confidential information when the confidential information is transmitted.

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47. The facsimile apparatus as claimed in Claim 44, further comprising a transmission part that
inserts the matching F-code into the polling document
20 when the polling document is produced.

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48. The facsimile apparatus as claimed in

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Claim 45, further comprising a transmission part that
inserts the matching F-code into the confidential
information when the confidential information is
transmitted or inserts the matching F-code into the
5 polling document when the polling document is produced.

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10 49. A method of controlling a facsimile
apparatus having a plurality of confidential boxes, each
box characterized by a different F-code and different
identification information, the method comprising the
steps of:
15 requesting a prospective user to input an F-
code when the prospective user seeks to use the
apparatus to transmit confidential information;
searching among the plurality of confidential
boxes for a confidential box whose characteristic F-code
20 matches the F-code input by the prospective user; and,
if a confidential box characterized by the matching F-
code is found,
enabling the prospective user to transmit the
confidential information only if the prospective user is
25 authenticated by means of the characteristic

identification information of the confidential box characterized by the matching F-code.

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50. A method of controlling a facsimile apparatus having a plurality of confidential boxes, each confidential box characterized by a different F-code and
10 different identification information, the method comprising the steps of:

requesting a prospective user to input an F-code when the prospective user seeks to use the apparatus to produce a polling document;

15 searching among the plurality of confidential boxes for a confidential box whose characteristic F-code matches the F-code input by the prospective user; and, if a confidential box characterized by the matching F-code is found,

20 enabling the prospective user to produce the polling document only if the prospective user is authenticated by means of the characteristic identification information of the confidential box characterized by the matching F-code.

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